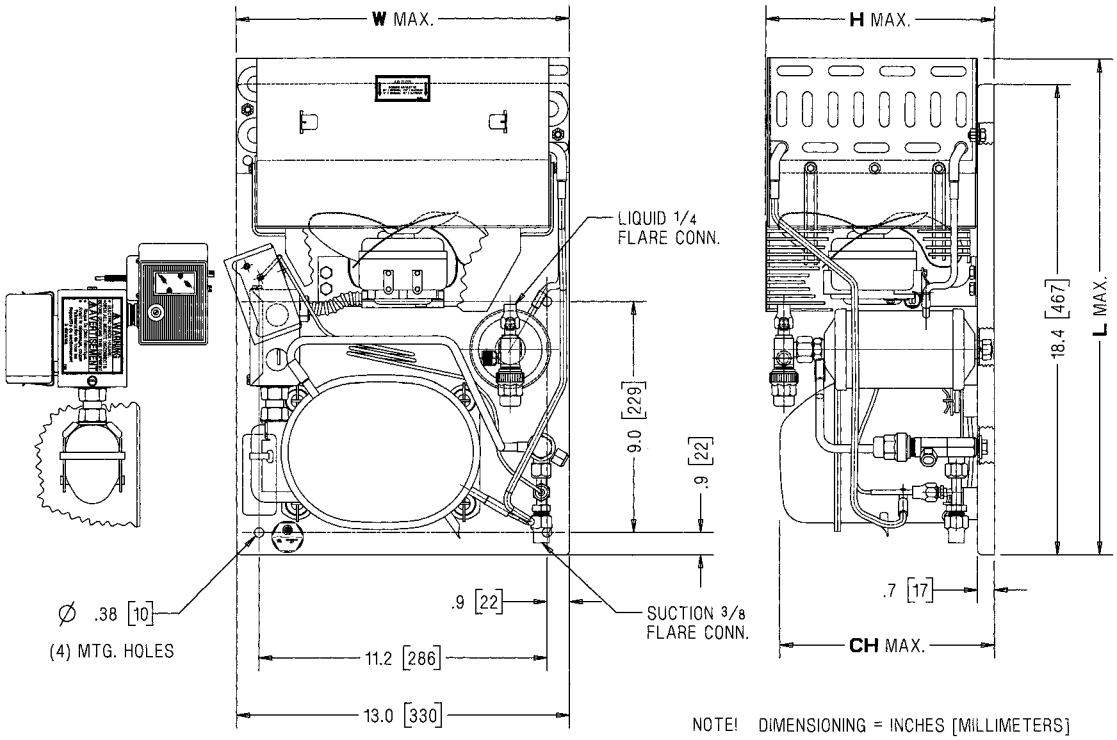
Tecumseh Products Company
Hermetic Condensing Units

Model: **AEA9423EXAXE** **R-22** **1/3 HP** **Air Cooled**



Model	Dimensions, inches				Line Connection*		Pumpdown	Air	Oil Ch	Gr. Wt.
	L	W	H	CH	Suction	Liquid	90 °F 90%	SCFM	Oz.	Lbs.
AEA9423EXAXE	19.5	13.5	9.0	8.5	3/8" F	3/8" F	3.4 Lbs	210	10	55

* F = Flare, S = Solder, RF or RS = Rotolock with Flare or Solder Connections, C = Compression Fitting
Factory charge: 20 PSIG Nitrogen – **MUST BE EVACUATED**

60 Hz Performance

		Ambient Temp								
Evap T,		90°F			100°F			110°F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
-5	20.0	1240	345	210	-	-	-	-	-	-
0	24.0	1430	365	215	-	-	-	-	-	-
5	28.2	1630	385	220	-	-	-	-	-	-
10	32.8	1840	405	225	-	-	-	-	-	-
15	37.7	2060	430	235	1860	445	260	-	-	-
20	43.0	2300	455	240	2070	470	270	-	-	-
25	48.8	2580	485	250	2320	500	280	-	-	-
30	54.8	2860	510	260	2580	530	290	-	-	-
35	61.5	3190	540	270	2880	560	300	2570	585	325
40	68.5	3560	570	275	3220	595	310	2880	620	345
45	76.0	4010	600	285	3530	625	320	3250	655	360

Based on 65°F return gas (for all condensing temps), 5°F subcooling.

Specifications: AEA9423EXAXE R-22 1/3 HP Air Cooled

Model	AEA9423EXAXE
Nominal Volts-Hz-Ph	115/60/1; 100/50/1
Unit Bill of Material	2D371-1 & -9
Voltage Range	103.5 - 126.5
Min. Circuit Ampacity	8.1
Max. Fuse Size (amps)	15
Compressor Model	AEA9422EXA
Comp. Bill of Material	AE172AT-900-P2
Alt. Comp. Bill of Mat.	N/A
Compressor RLA/LRA	6.10 / 40.0
Overload	8300MRTE59
Relay	8200EMBJ73
Alternate Relay	82473
Start Capacitor	85PS165A47
Start Capacitor Rating	270-324 μF / 165 V
Fan Motor	810M006B45
Fan Blade	51561-1
Condenser	50823
Condenser Shroud	70854
Receiver Tank	51080
Liquid Line Valve	31584-1 (1/4" Flare)
Low Pressure Switch	84026-2
Unit Drawing	SU 1896-161
Electrical Drawing	90314-8